

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051319\
 Data File : VD062315.D
 Acq On : 13 May 2019 20:02
 Operator : FY/SY
 Sample : K2733-15RE
 Misc : 5.33g/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS003-0206-01RE

Quant Time: May 15 05:12:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	492004	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	663710	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	430831	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	176097	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	236993	51.83	ug/l	0.04
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	6.94	113	268258	48.71	ug/l	0.04
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.42	98	386212	29.09	ug/l	0.02
Spiked Amount	50.000		Recovery	=	58.18%	
62) 4-Bromofluorobenzene	13.56	95	165295	31.00	ug/l	0.01
Spiked Amount	50.000		Recovery	=	62.00%	

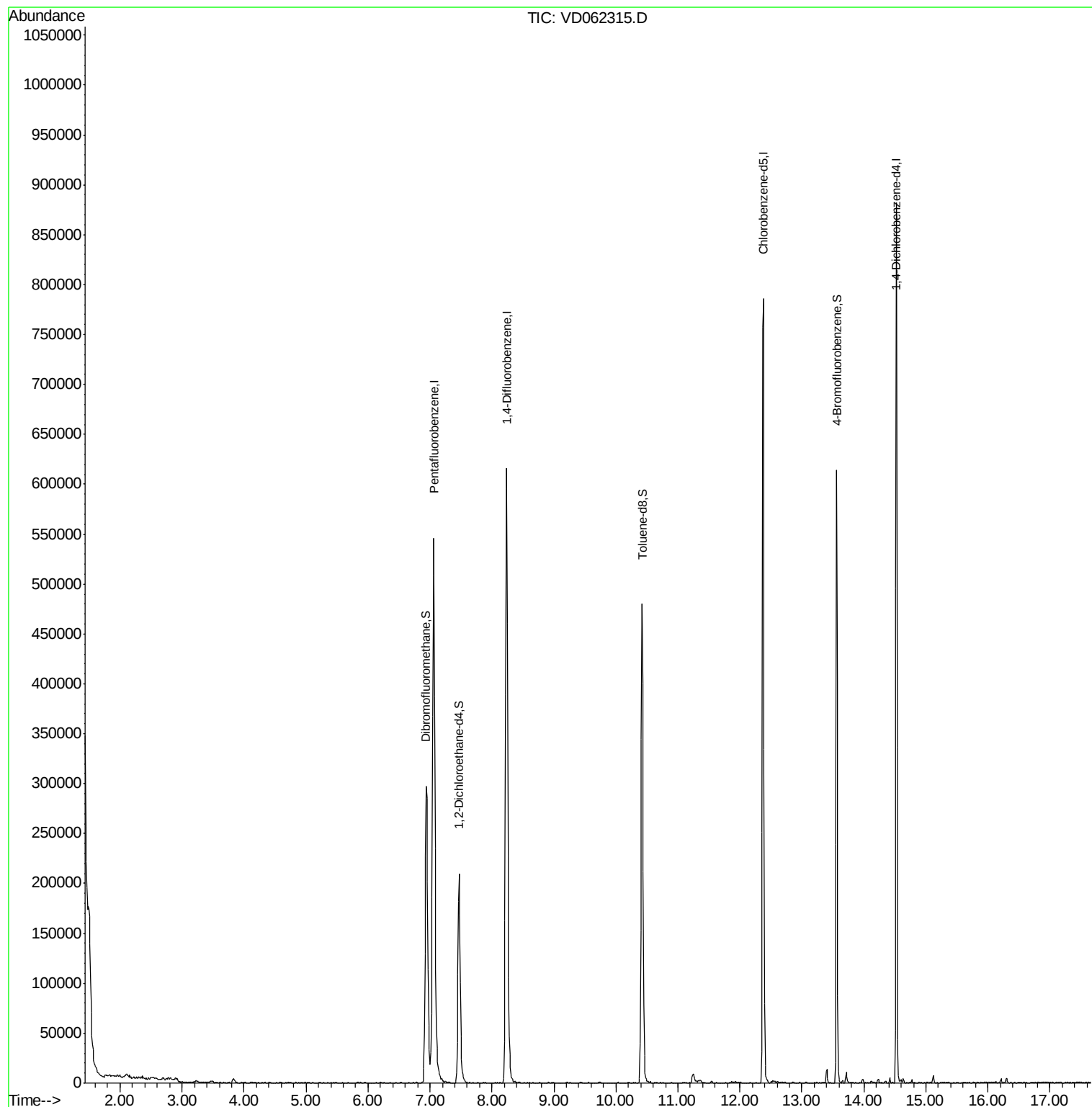
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062315.D

Acq: 13 May 2019 20:02

Instrument :

MSVOA_D

ClientSampleId :

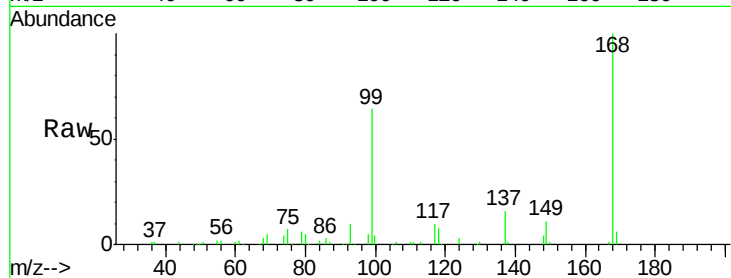
P021-SS003-0206-01RE

Tot Ion:168 Resp: 492004

Ion Ratio Lower Upper

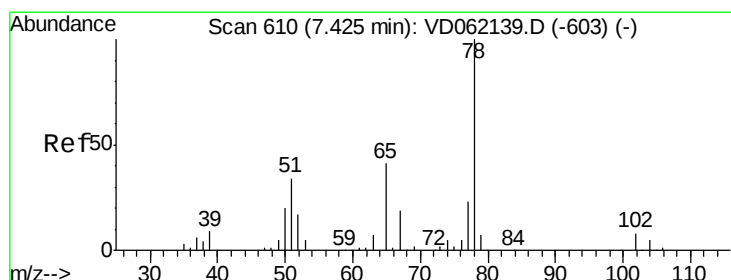
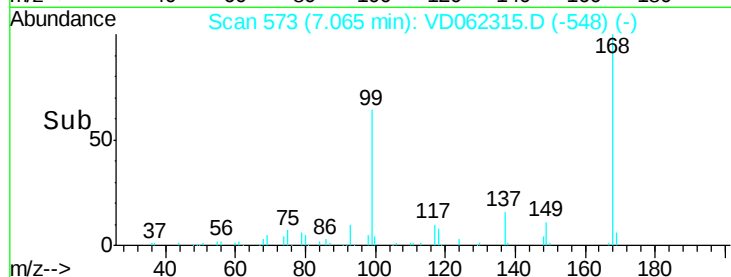
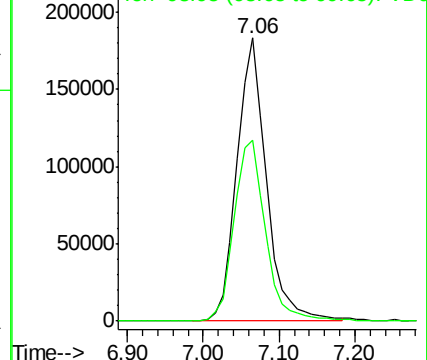
168 100

99 63.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 51.833 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062315.D

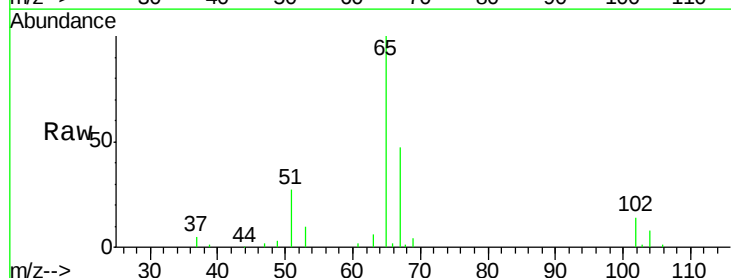
Acq: 13 May 2019 20:02

Tgt Ion: 65 Resp: 236993

Ion Ratio Lower Upper

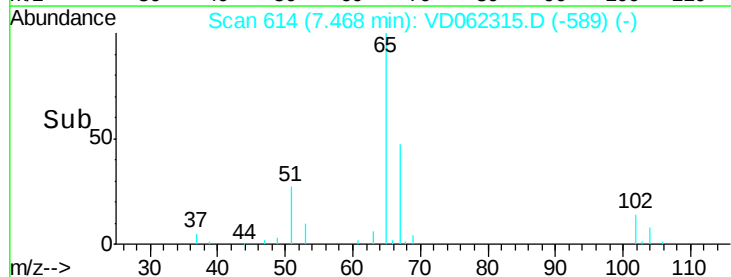
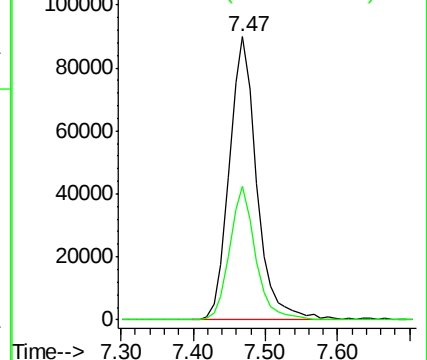
65 100

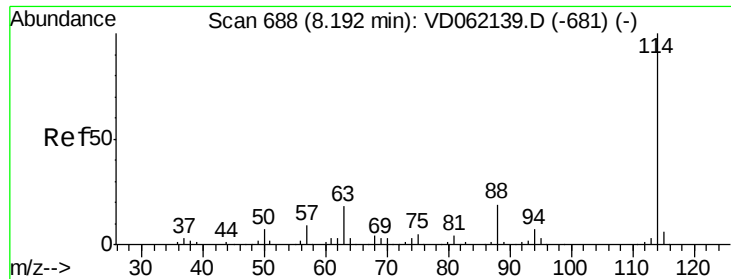
67 47.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

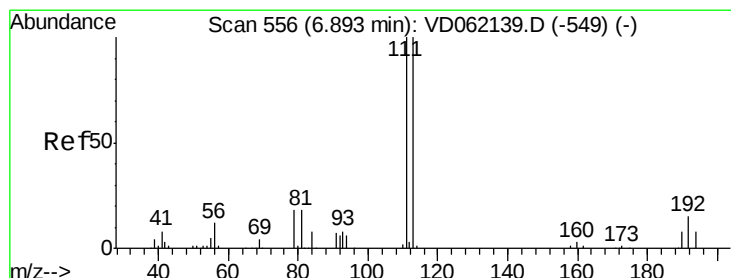
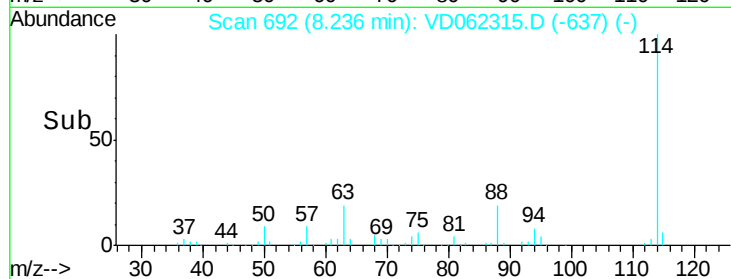
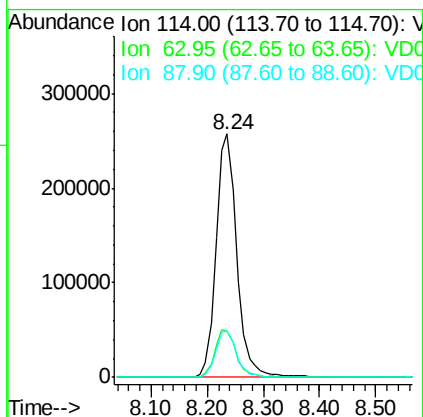
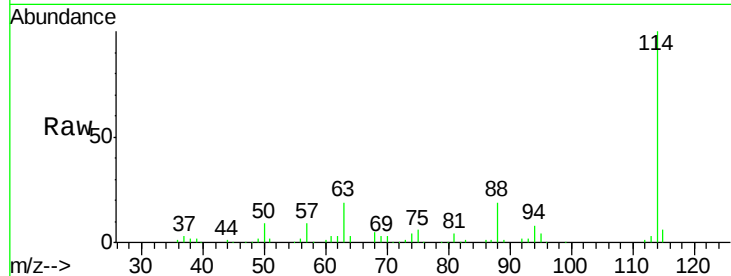




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062315.D
 Acq: 13 May 2019 20:02

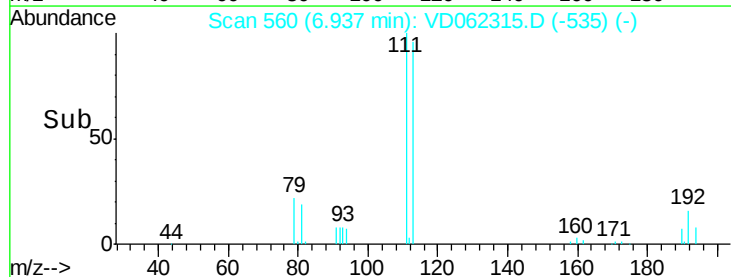
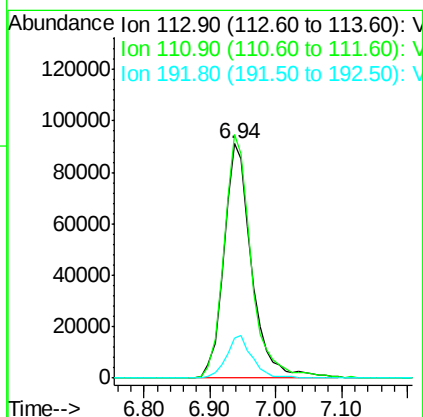
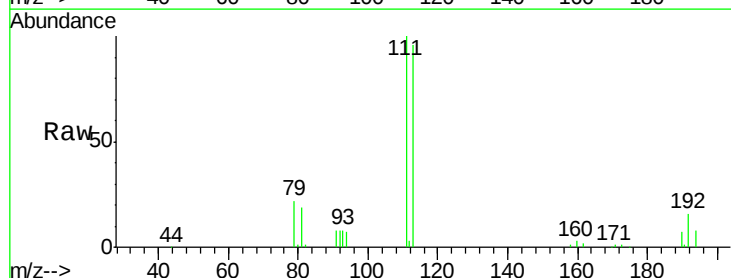
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 MSVOA_D
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 P021-SS003-0206-01RE

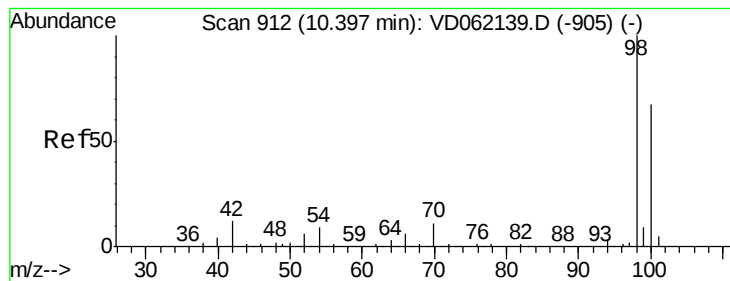
Tot Ion:114 Resp: 663710
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 32.4
 88 18.9 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 48.713 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062315.D
 Acq: 13 May 2019 20:02

Tgt Ion:113 Resp: 268258
 Ion Ratio Lower Upper
 113 100
 111 104.0 78.5 117.7
 192 17.0 13.0 19.4





#50

Toluene-d8

Concen: 29.088 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062315.D

Acq: 13 May 2019 20:02

Instrument :

MSVOA_D

ClientSampleId :

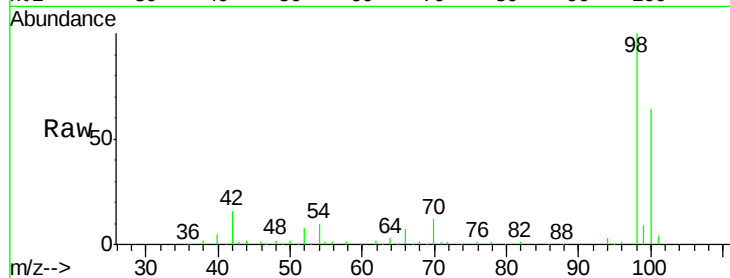
P021-SS003-0206-01RE

Tot Ion: 98 Resp: 386212

Ion Ratio Lower Upper

98 100

100 63.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.42

150000

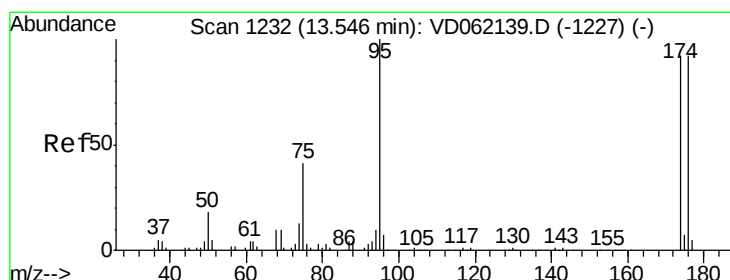
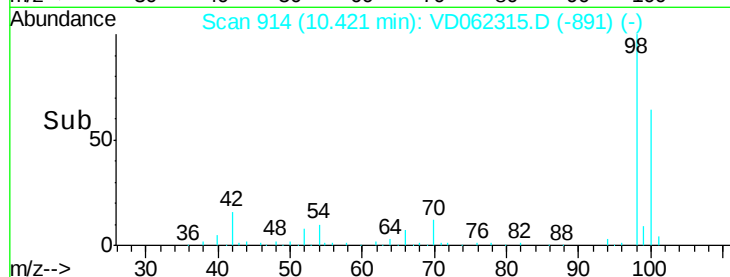
100000

50000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 31.002 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062315.D

Acq: 13 May 2019 20:02

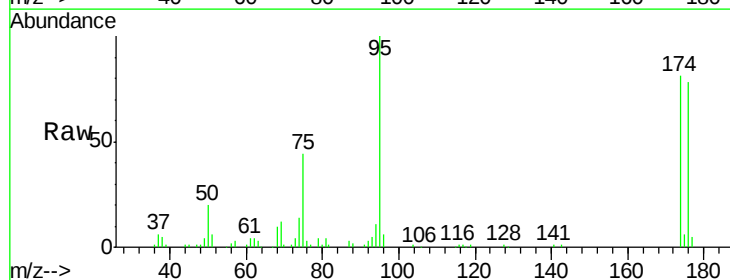
Tgt Ion: 95 Resp: 165295

Ion Ratio Lower Upper

95 100

174 80.6 0.0 181.8

176 78.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.56

150000

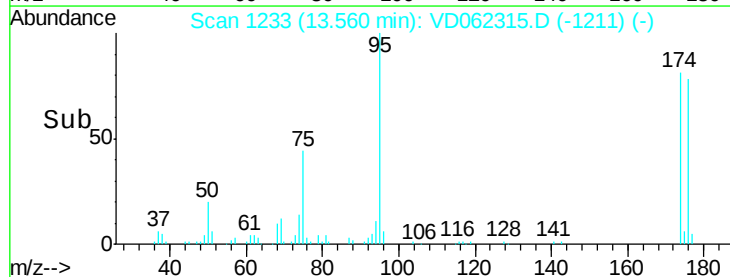
100000

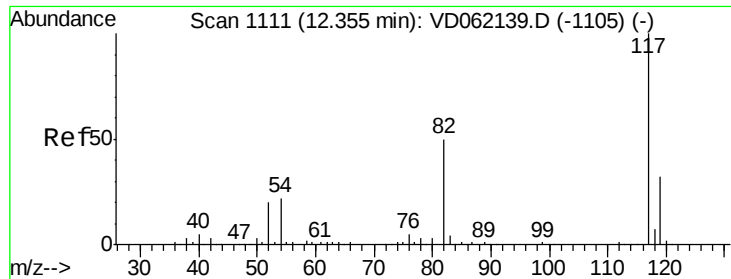
50000

0

13.50 13.55 13.60 13.65

Time-->

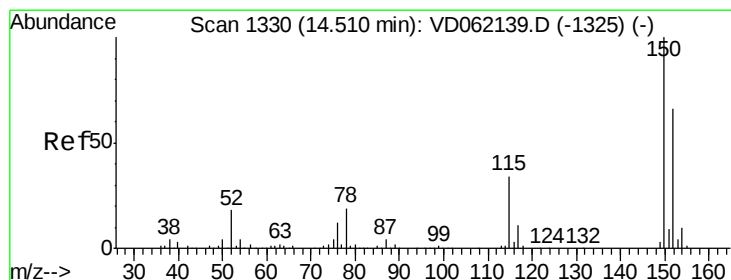
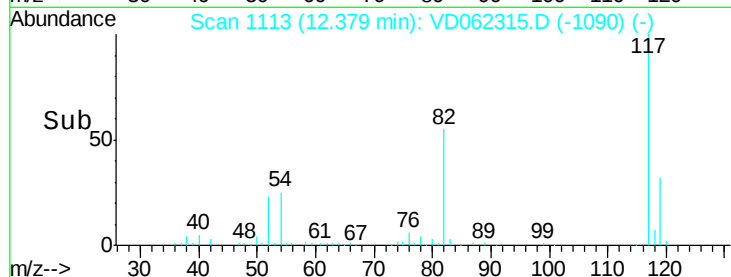
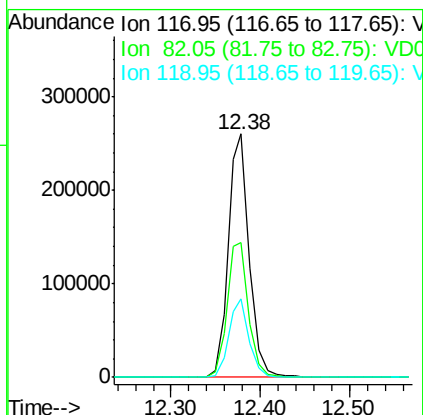
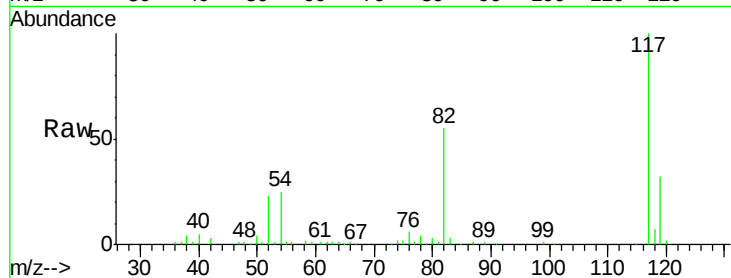




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062315.D
Acq: 13 May 2019 20:02

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P021-SS003-0206-01RE

Tot Ion:117 Resp: 430831
Ion Ratio Lower Upper
117 100
82 55.2 36.2 54.2#
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062315.D
Acq: 13 May 2019 20:02

Tgt Ion:152 Resp: 176097
Ion Ratio Lower Upper
152 100
115 55.4 30.9 92.7
150 153.5 0.0 314.8

